

REMARKS

Claims 1-29 are pending in the present application.

In the Office Action, the Examiner rejected Claims 1 and 19 under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,243,377 (Phillips); Claims 2-11, 14, 15, 18, and 20-29 were rejected under 35 U.S.C. §103(a) as being unpatentable over Phillips in view of U.S. Patent No. 6,266,340 (Pickett); and Claims 12-13 and 16-17 were rejected under 35 U.S.C. §103(a) as being unpatentable over Phillips, in view of Pickett, and further in view of U.S. Patent No. 5,953,409 (Carlsen).

Phillips discloses enabling simultaneous transmission of voice and data signals over a single subscriber line. Signals are time division multiplexed preferably using an ISDN access format such as the Basic Access or Primary Rate formats, but are treated separately at the exchange. Subscriber unit (RU) 10 combines signals from local computer and telephone devices for separation at corresponding exchange equipment. Phillips further teaches the subscriber unit (RU) 10 and the exchange unit (EU) 14 each have two channels, namely a digital data channel and an analog voice channel. The two channels are transmitted using a DSL transmission scheme between the EU 14 and the RU 10. At the RU 10 the DSL signals are decompressed and separated into the original voice signals and data signals, and are respectively transmitted to a telephone device and a computer.

Regarding the Examiner's rejection of Claims 1 and 19 under 35 U.S.C. §102(e) as being anticipated Phillips, Claim 1 has been amended to include the recitation "the IAD (Integrated Access Device) for receiving *the compressed* voice signals on the downlink voice channels and data on the downlink data channels *and decompressing the received voice signals and the received data and building a Time Division Multiplex (TDM) frame including the voice signals and the data and transmitting the TDM frame including the voice signals and data using a two-wire telephone line* to corresponding *adapters coupled to respective* telephones and computers, and transmitting voice signals and data generated from the telephones and the computers to the MACS on corresponding uplink voice channels and data channels in response to the received voice signals and data," and Claim 19 has been amended to include the recitation "transmitting the voice data *in a TDM frame* on a corresponding TDM channel via a telephone line; a second adapter connected to the computer and having TDM channel information associated with the second adapter, for transmitting data received from the computer on a corresponding TDM channel *in a TDM frame* via the telephone line; a home master having information about the channels of the adapters, *the home master receiving the TDM frames, separating the voice data and the data*, compressing *the received* voice data and data received in *the TDM frame* and transmitting the data *in a compressed format* via a general subscriber line," which are neither taught nor suggested by Phillips. Accordingly, it is respectfully requested that the Examiner withdraw the rejection of Claims 1 and 19 under 35 U.S.C. §102(e).

Independent Claims 1 and 19 are believed to be in condition for allowance. Without

conceding the patentability per se of dependent Claims 2-18 and 20-29, these are likewise believed to be allowable by virtue of their dependence on their respective amended independent claims. Accordingly, reconsideration and withdrawal of the rejections of dependent Claims 2-18 and 20-29 is respectfully requested.

Accordingly, all of the claims pending in the Application, namely, Claims 1-29, are believed to be in condition for allowance. Should the Examiner believe that a telephone conference or personal interview would facilitate resolution of any remaining matters, the Examiner may contact Applicant's attorney at the number given below.

Respectfully submitted,



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